

O/S

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
**BRUNA ET AL.**

Serial No. **Not Yet Assigned**

Filing Date: **Herewith**

For: **A METHOD OF COMPRESSING  
DIGITAL IMAGES**

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BOX PATENT APPLICATIONS, ASSISTANT  
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EXPRESS MAIL NO: EL747059215US

DATE OF DEPOSIT: July 9, 2001

NAME: Alex Greene

SIGNATURE: Alex Greene

PRELIMINARY AMENDMENT

Director, U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

Prior to the calculation of fees and examination of  
the present application, please enter the amendments and  
remarks set out below.

In the Claims:

Please cancel Claims 1 to 11.

Please add new Claims 12 to 41.

12. A method for compressing a digital image  
comprising a matrix of elements, each element comprising at  
least one digital component for representing a pixel, the  
method comprising:

splitting the digital image into a plurality of  
blocks, and calculating for each block a group of discrete  
cosine transform (DCT) coefficients for the different types of  
components;

quantizing the DCT coefficients for each group using